

ABSTRACT

An electrophotographic developing roller in which air tightness and electrical conductivity in a fit section between a cylindrical metal base body and a metal flange are satisfactory and outside diameter deflection accuracy is satisfactory; and an electrophotographic developing roller which is relatively inexpensive, excellent in mechanical rigidity, surface processability and plating film formation (corrosion resistance) and capable of being satisfied with a prescribed dimensional accuracy are provided. The electrophotographic developing roller is a developing roller having a cylindrical metal base body and a metal flange. The metal flange has a larger diameter section to be fitted in the opening end inner surface of the cylindrical metal base body and a smaller diameter section serving as a central shaft body coaxial with the cylindrical metal base body. The fit section surface of the larger diameter section before being press fitted has an uneven shape such that a maximum surface roughness R_y due to a circumferential groove formed by cutting processing is from 25 μm to 70 μm .